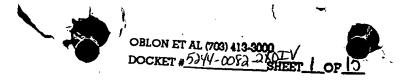
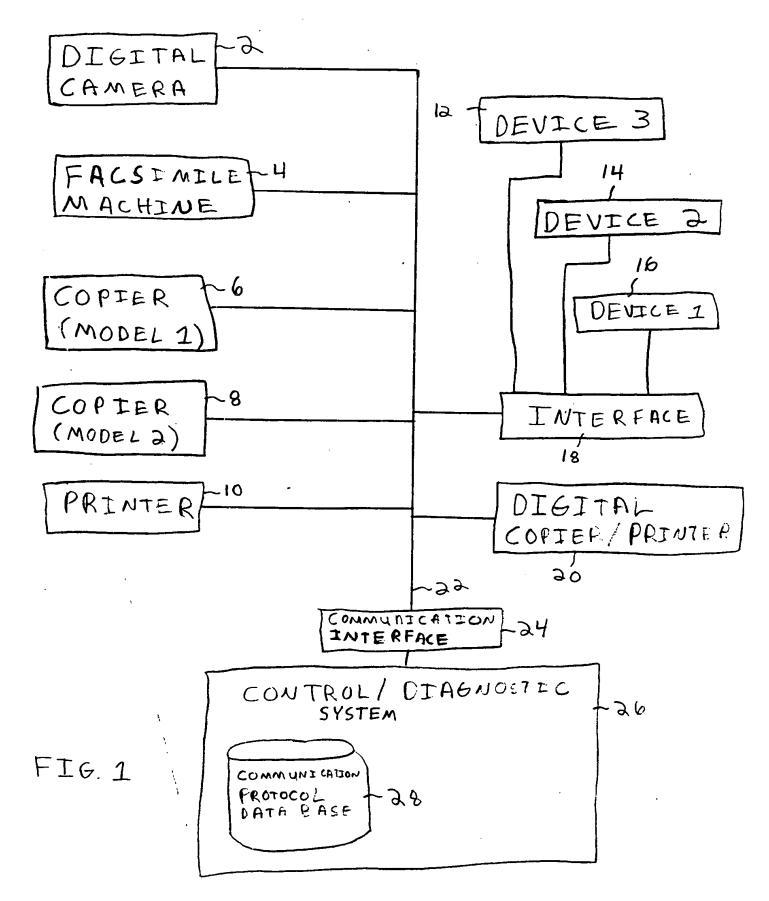
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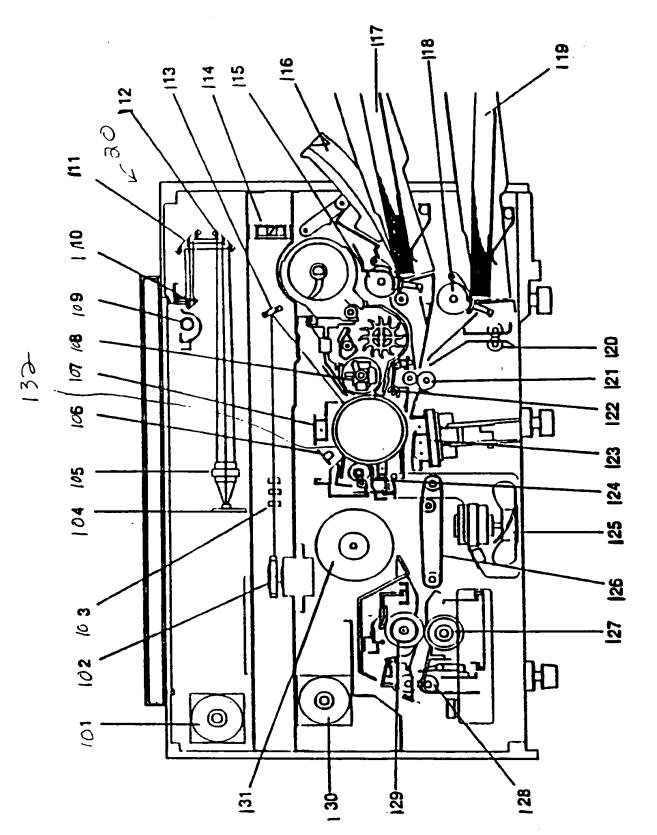
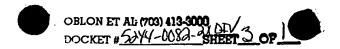
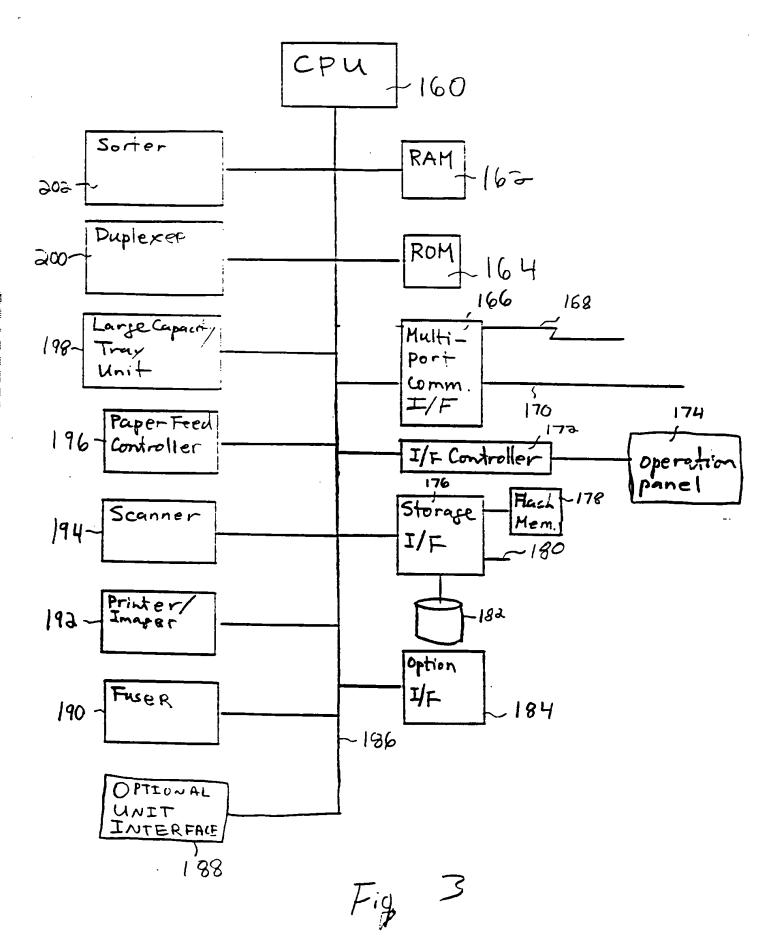
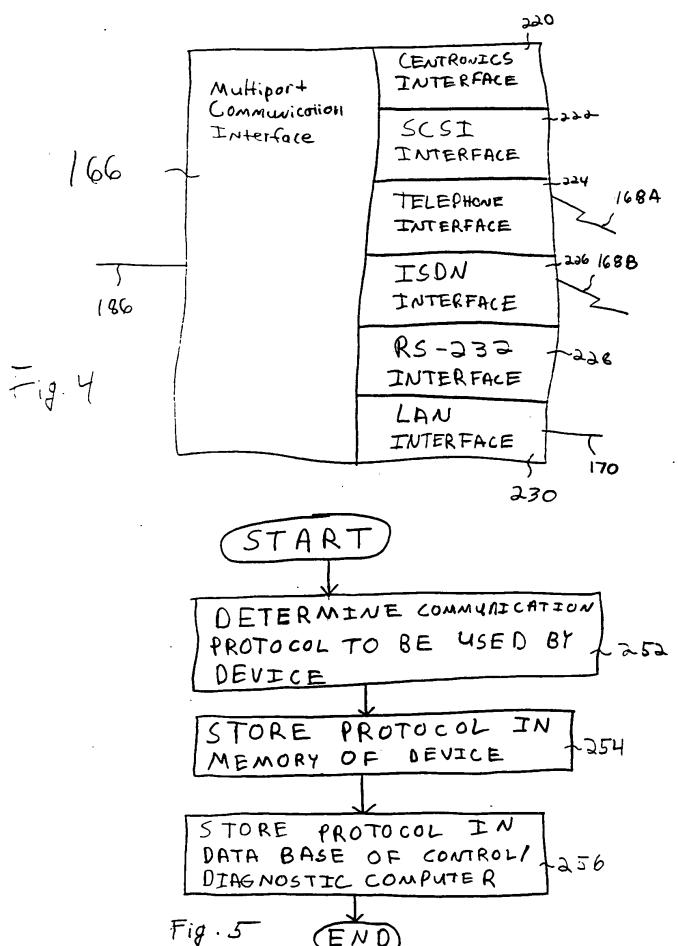


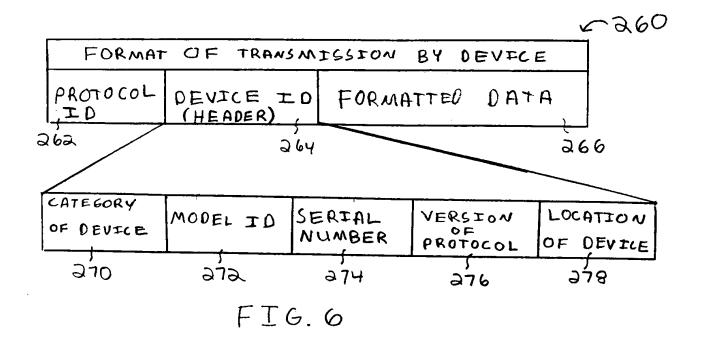
FIG. 2







## OBLON ET AL (703) 413-3000 NIC / DOCKET # 5344-1087 SHEET 5 OP 15



PROTO	OCOL I	DENTIFIER PATA BASE
PROTOCOL IDENTIFIE	I DENTIFIER (HEADER) VERSION	FORMAT OF HEADER
ABAB BC BCCDCD	01 01	H Bytes Device Category, 10 Bytes MODEL ID, 15 Bytes SerIAL Numer, 5 Bytes Version of Protocol, 50 Bytes locate of device
BC (0 (D	61 02	4 Bytes Device Cotecory, 10 Bytes Model ID, 20 BYTES SERTAL NUMBER, 5 Bytes VERGION OF PROTOCOL, 50 BYTES LOCATION OF DEVICE
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	01 01	2 BYTES DEVICE CATEGOTY 10 BYTES MODEL ID, 20 BYTES SERIAL NUMBER, 2 BYTES VERSION OF FROTOCCY, 40 BYTES LOCATION OF DEVICE

FIG. 7

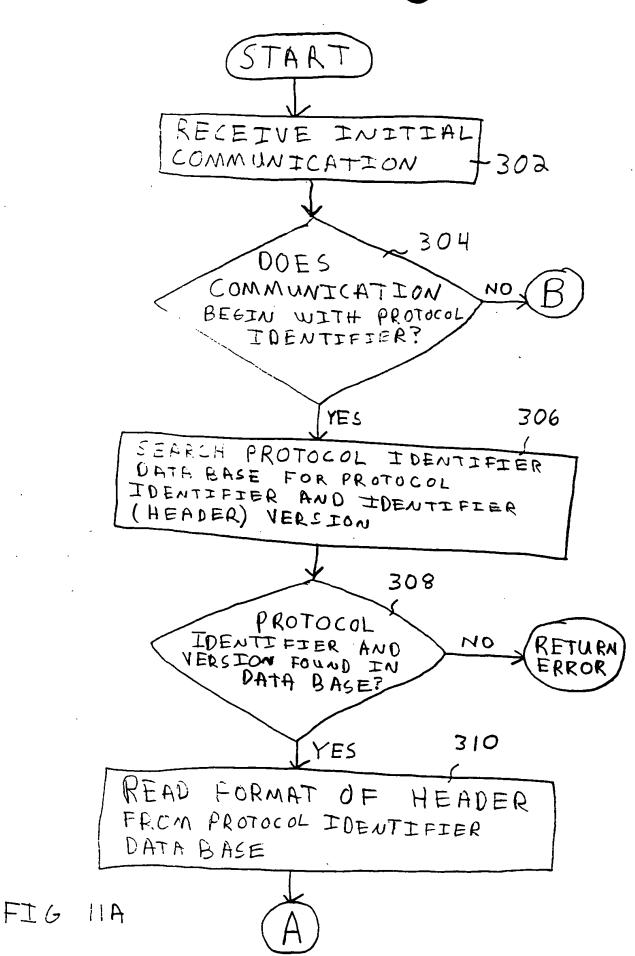
INPL	AT FORMA	T DATA BA	SE		
CATEGORY OF DEVICE	WODELID	VERSTON OF PROTOCOL	FORMAT TYPE	INPUT FORMAT	Number Enstalled
COPIER	FT1150	1.0	1 ~	(INT 32/1, COUNT) (INT 16/2, JAM COUNT)	40,000
COPIER	FT20	1.0	TLV	TLV FORMAT1	70,000
FACSIMILE	PF 32	a. 0	TV	TV FORMAT3	100,000
PRINTER	PR-101	3.	TLV	TLV FORMATS	70,000
DIGITAL CAMERA	DC-I	1.0	TLV	TLV FORMATS	15,000

FIG. 8

COMMUN	ICATION	PROTOCOL	DATA	BASE
DEVICE ID (HEADER)	NUMBER OF MACHINES SUPPORTING PROTOCOL	ICENTIFYING	LOCATION OF DATA FORMATS OFPRUTO COL	CRITICAL FIELDS WHICH ID PROTOCOL
(155				
(SEE SPECIFICATION	99,000	HEADER IDENTIFICATION	<u> </u>	SPECIFICATION
NONE	5000	FIXED FORMAT	FORMAT OF LOCATION INFORMATION	(SEE SPECIFICATION

FIG. 9

	CSSDATA	A. DB
FORMAT	FORMAT TYPE	DATA FORMAT
1	В	(INT 16, JAM COUNT) (BYTE 1, ATTACHMENT ((bi+ 1, sorter) (bi+ 2, LARGE CAPA CITY) (bit 3, stapler))) (INT 32, COUNT)
3	В	(INT 32, COUNT)
3	TV	TV FORMAT 1



## THE ON ET AL (703) 413-3000 TO THE PLAN OF 15

312 PARSE DEVICE TO (HEADER) USING FORMAT OF HEADER FROM PROTOCOL IDENTIFIER DATA BASE 314 SEARCH INPUT FORMAT DATA FOR A RECORD MATCHINE DEVICE DEFINED IN DEVICE ID (HEADER) (E. G., CATEGORY, MODEL, VERSION, ETC) 316 MATCHING RETURN NO RECORD ERROR FOUND? 318 LYES READ FORMAT TYPE AND INPUT FORMAT FROM MATCHING RECORD FIG. 11B RETURN FORMAT IN FORMATION

390 OBTAIN RECORD IN COMMUNICATION PROTOCOL DATA BASE WHICH HAS LARGEST NUMBER OF INSTALLED MACHINES

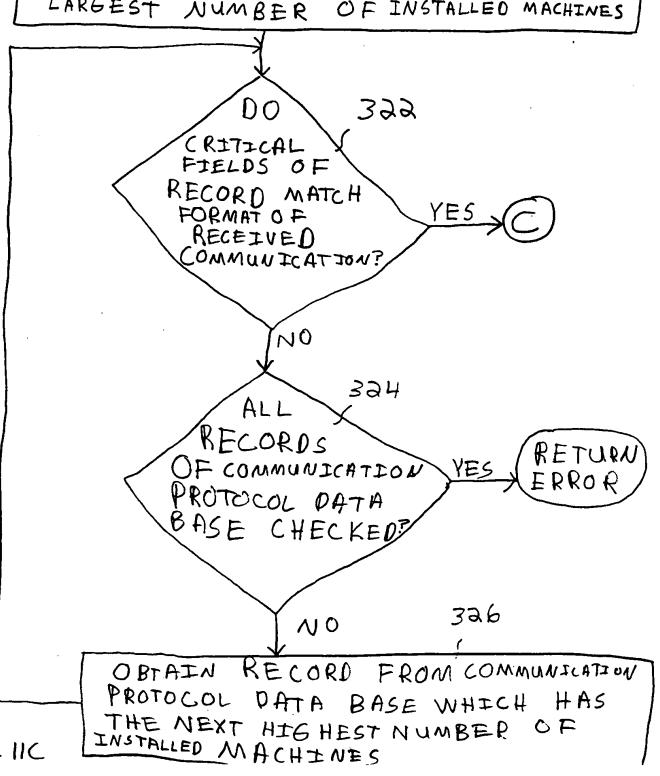
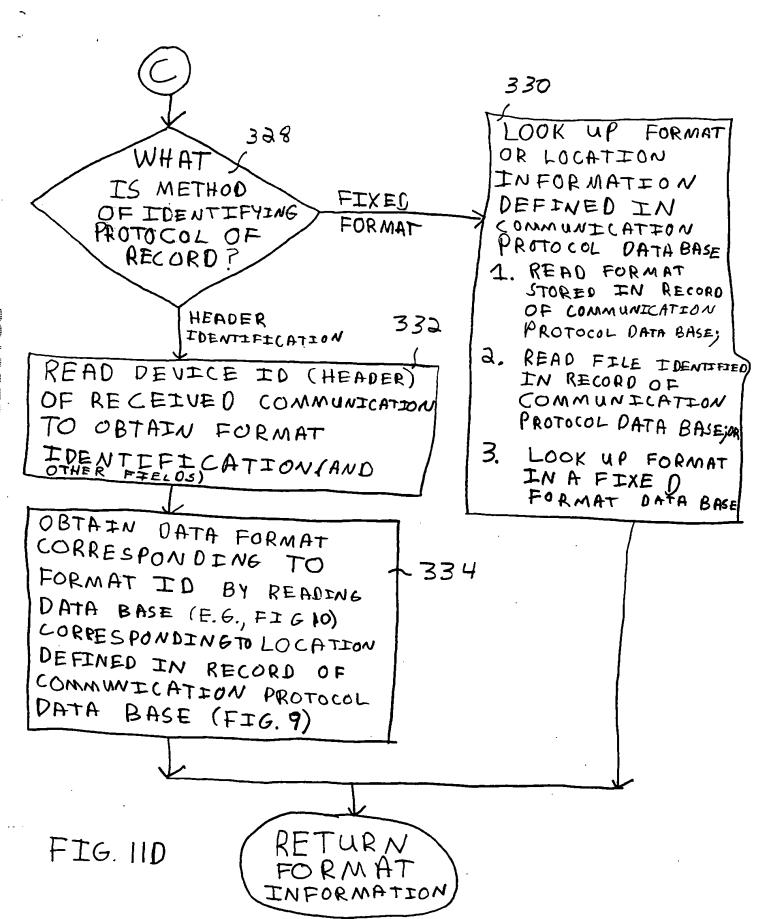


FIG. 11C



, A

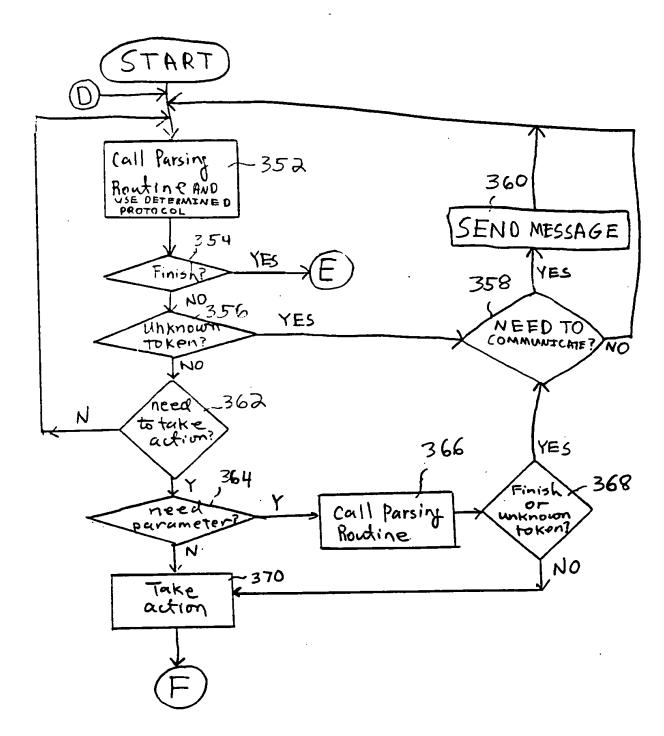
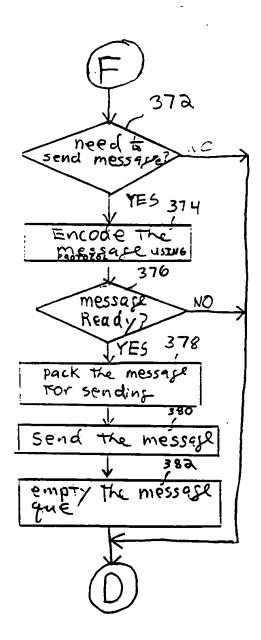


FIG. 12A



FI6. 12B

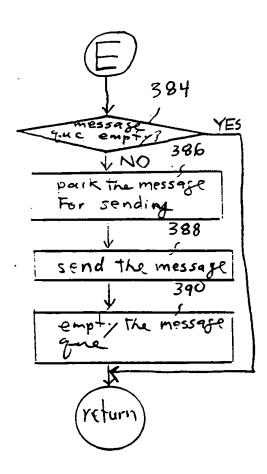


FIG. IZC

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## Figure 13

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16 17 18 19 30 31 34 34 A 0 8 00 00 00 00 00 00
AO 4 0 8 00 00 00
AO 4 0 8 00 00 00
16 17 18 19 30 AA AO 8 00 00
16 17 18 19 30 AO 4 O 8 00
16 17 18 19 AO 4 O 8
16 17 18 AO 4 0
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Figure 14